

IN THE CLAIMS

Please amend the claims as follows:

1-20. (Canceled)

21. (Currently Amended) A storage medium ~~data-carrier~~ having stored thereon data representing at least one stream of content cells, the content cells being linked in accordance with navigation data, wherein at least one of said navigation data and the at least one stream of content cells is arranged such that accessing the data on the storage medium ~~data-carrier~~ in a first access mode which does not take consideration of said navigation data provides disturbed data access, whereas accessing the data on the ~~data-carrier~~ storage medium in a second, different, access mode in consideration of said navigation data provides undisturbed access.

22. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 21, wherein the first access mode is a generally linear access mode.

23. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 21, further including ~~at least one of the following~~:

at least one reproduction obstructing cell physically stored before or after a linked content cell[[:]]

~~a physical storage arrangement of at least one of the at least one stream of linked content cells that is not in conformity with a linking order of the content cells;~~

~~standard type file system structures/file content and non standard type file system structures/file content used to locate the linked content cells on the data carrier, respectively,~~

~~wherein said non standard type file system structures/file content routes a read out device to reproduction obstruction data and/or cyclic data.~~

24. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 23, wherein the at least one reproduction obstructing cell is arranged such that a dedicated reproduction device operating in accordance with said second access mode will navigate around said at least one reproduction obstructing cell when linked content cells are accessed, whereas a reproduction device accessing the storage medium ~~data-carrier~~ in accordance with said first access mode will access linked content cells and said at least one reproduction obstructing cell.

25. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 23, wherein an access of said at least one reproducing obstructing cell prohibits or disturbs a further reproduction or reduces an entertainment value of reproduced content that is originally stored within the content cells on the data carrier.

26. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 25, wherein said at least one reproduction obstructing cell includes data having an effect that data stored on the storage medium ~~data-carrier~~ does not conform with the DVD physical specification by at least one of the group comprising:

- infringing rules of EFM+ coding;
- setting incorrect ECC data for PI and/or PO;
- setting incorrect EDC, ID, CPR_MAI and/or IED data;
- addition of illegal UDF file system data;
- setting of illegal UDF file system data.

27. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 23, wherein said at least one reproduction obstructing cell includes data of at least one of the group comprising:

data that does not conform to a streaming media standard appropriate to the storage medium ~~data-carrier~~;

data that generates permutations of reproduced content stored within the content cells;

data that adds content unrelated to the content stored within neighboring content cells;

data that adds advertising content stored within neighboring content cells.

28. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 23, wherein said at least one reproduction obstructing cell is a stream of linked reproduction obstructing cells that is interleaved with at least one stream of content cells, wherein each of the stream linked cells provides one playback path, and the playback path corresponding to the linked reproduction obstructing cell is not followed by a reproduction device accessing the ~~data-carrier~~ storage medium in accordance with said second access mode.

29. (Currently Amended) The storage medium ~~data-carrier~~ according to claim 21, wherein said navigation data includes branch commands that are arranged in pre-commands and/or post-commands of program chains that include at least one program or in cell commands within programs, which are defined as a sequence of content cells.

30. (Currently Amended) A method to provide a copy protection of a storage medium ~~data-carrier~~ having stored thereon data representing at least one stream of content cells, the method comprising:

linking the content cells ~~being linked~~ in accordance with navigation data, wherein at least one of said navigation data and the at least one stream of content cells is arranged such that accessing the data on the storage medium ~~data-carrier~~ in a first access mode which does not take consideration of said navigation data provides disturbed data access, whereas accessing the data on the storage medium ~~data-carrier~~ in a second, different, access mode in consideration of said navigation data provides undisturbed access.

31. (Previously Presented) The method according to claim 30, wherein the first access mode is a generally linear access mode.

32. (Currently Amended) The method according to claim 30, further including at ~~least one of the following~~:

providing at least one reproduction obstructing cell physically stored before or after a linked content cell[[:]]

~~providing a physical storage arrangement of at least one of the at least one stream of linked content cells that is not in conformity with a linking order of the content cells;~~

~~providing standard type file system structures/file content and non-standard type file system structures/file content used to locate the linked content cells on the data carrier, respectively, wherein said non-standard type file system structures/file content routes a read out device to reproduction obstruction data and/or cyclic data.~~

33. (Currently Amended) The method according to claim 32, further including arranging the at least one reproduction obstructing cell such that a dedicated reproduction device operating in accordance with said second access mode will navigate around said at least one reproduction obstructing cell when linked content cells are accessed, whereas a

reproduction device accessing the storage medium ~~data-carrier~~ in accordance with said first access mode will access linked content cells and said at least one reproduction obstructing cell.

34. (Currently Amended) The method according to claim 32, further including:
selecting a content of said reproducing obstruction cells so that an access of said reproducing obstruction cells prohibits or disturbs a further reproduction or reduces an entertainment value of reproduced content that is originally stored within the content cells on the storage medium ~~data-carrier~~.

35. (Currently Amended) The method according to claim 32, further including:
inserting data into said of least one reproduction obstructing cell having an effect that data stored on the storage medium ~~data-carrier~~ does not conform with the DVD physical specification by at least one of the group comprising:

- infringing rules of EFM+ coding;
- setting incorrect ECC data for PI and/or PO;
- setting incorrect EDC, ID, CPR_MAI and/or IED data;
- addition of illegal UDF file system data;
- setting of illegal UDF file system data.

36. (Currently Amended) The method according to claim 32, further including:
inserting data into said at least one reproduction obstructing cell including data of at least one of the group comprising:

- data that does not conform to a streaming media standard appropriate to the storage medium ~~data-carrier~~;

data that generates permutations of reproduced content stored within the content cells;
data that adds content unrelated to the content stored within neighboring content cells;
data that adds advertising content stored within neighboring content cells.

37. (Previously Presented) The method according to claim 32, further including:
using navigation data to provide the linking of said linked content cells, in particular
branch commands that are arranged in pre-commands and/or post-commands of program
chains that include at least one program or in cell commands within programs, which are
defined as a sequence of content cells.

38. (Previously Presented) The method according to claim 32, further including:
interleaving said at least one reproduction obstructing cell, which constitutes a stream
of linked reproduction obstructing cells which at least one stream of content cells, wherein
each of the stream of linked cells provides one playback path, and the playback path
corresponding to the linked reproduction obstructing cell is not followed by a reproduction
device accessing the data carrier in accordance with said second access mode.

39. (Currently Amended) A method for producing at least one copy of at least a
portion of data stored on a first storage medium data-carrier, the first storage medium data
carrier having stored thereon data representing at least one stream of content cells, the
method comprising:

linking the content cells ~~being linked~~ in accordance with navigation data, wherein to
produce the at least one copy, data representing the at least one stream of cells is accessed in
consideration of the navigation data and wherein said accessed data is transferred as a copy to
a second storage medium data-carrier.

40. (Currently Amended) The method according to claim 39, further including at least one of:

determining all reproduction obstructing cells physically stored before or after a linked content cell and modifying or removing the cells such that the copy of the storage medium data-carrier is not obstructed thereby[[:]]

~~determining of a linking order of the at least one stream of linked content cells and physically storing the at least one stream of linked content cells such that a reproduction of the copy of the first data-carrier is not obstructed thereby;~~

~~locating a root navigation file only using file system structures and/or file content related to the linked content cells as described in the standard of the first data-carrier.~~

41. (Currently Amended) A computer program product, comprising program means adapted to perform the method steps as defined in claim [[20]] 30 when being executed on a computer[, or a digital signal processor ~~or the like~~.

42. (Previously Presented) A computer readable storage means, storing thereon a computer program product according to claim 41.

43. (New) The storage medium of claim 21, further including a physical storage arrangement of at least one of the at least one stream of linked content cells that is not in conformity with a linking order of the content cells.

44. (New) The storage medium of claim 21, further including standard type file system structures/file content and non standard type file system structures/file content used to

locate the linked content cells on the storage medium, respectively, wherein said non standard type file system structures/file content routes a read out device to reproduction obstruction data and/or cyclic data.

45. (New) The method of claim 30, further including the step of providing a physical storage arrangement of at least one of the at least one stream of linked content cells that is not in conformity with a linking order of the content cells.

46. (New) The method of claim 31, further including the step of providing standard type file system structures/file content and non standard type file system structures/file content used to locate the linked content cells on the storage medium, respectively, wherein said non standard type file system structures/file content routes a read out device to reproduction obstruction data and/or cyclic data.

47. (New) The method of claim 39, further including the step of determining of a linking order of the at least one stream of linked content cells and physically storing the at least one stream of linked content cells such that a reproduction of the copy of the first storage medium is not obstructed thereby.

48. (New) The method of claim 39, further including the step of locating a root navigation file only using file system structures and/or file content related to the linked content cells as described in the standard of the first storage medium.